

**IN THE CLAIMS:**

1. (Original) Process for the production of 2*E*,4*Z*-decadienoic acid-*N*-isobutylamide (cispellitorine), characterised in that a 2*E*,4*Z*-decadienoic acid ester is reacted with isobutylamine in the presence of a catalyst, the mixture with unreacted 2*E*,4*Z*-decadienoic acid ester is optionally saponified and then the mixture is isolated by physico-chemical methods.
2. (Amended) A sensory ingredient mixture ~~Mixture~~ containing at least 80 wt.% of 2*E*,4*Z*-decadienoic acid-*N*-isobutylamide and at least two other *N*-isobutylamides of decanoic acid, 2*E*-decenoic acid, 2*E*,4*E*-decadienoic acid, 2*Z*,4*E*-decadienoic acid, 2*Z*,4*Z*-decadienoic acid, 2*E*,4*Z*,7*Z*-decatrienoic acid, 3*Z*,5*E*-decadienoic acid or 3*Z*,5*E*,7*Z*-decatrienoic acid.
3. (Amended) A sensory agent comprising ~~Use of~~ 2*E*,4*Z*-decadienoic acid-*N*-isobutylamide or a mixture according to claim 2 as an aromatic substance.
4. (Amended) A sensory agent ~~Use~~ according to claim 3, wherein said aromatic substance ~~means comprises~~ a pungent principle or aromatic substance having a heat-generating effect.
5. (Amended) A food stuff preparation comprising a sensory agent ~~Use~~ according to claim 3, ~~or 4 in preparations used for foodstuffs or luxury foodstuffs.~~
6. (Amended) An oral hygiene composition comprising a sensory agent ~~Use~~ according to claim 3, ~~or 4 in preparations used for oral hygiene.~~
7. (Amended) Preparations ~~used~~ useful for foodstuffs, oral hygiene or luxury foodstuffs, containing 2*E*,4*Z*-decadienoic acid isobutylamide or a mixture ~~according to claim 2 comprising~~ at least 80 wt.% of 2*E*,4*Z*-decadienoic acid-*N*-isobutylamide and at least two other *N*-isobutylamides of decanoic acid, 2*E*-decenoic acid, 2*E*,4*E*-decadienoic acid, 2*Z*,4*E*-decadienoic acid, 2*Z*,4*Z*-decadienoic acid, 2*E*,4*Z*,7*Z*-decatrienoic acid, 3*Z*,5*E*-decadienoic acid or 3*Z*,5*E*,7*Z*-decatrienoic acid.
8. (Original) Preparations according to claim 7, containing at least one other pungent-tasting or heat-generating substance.

9. (Original) Preparations according to claim 7, containing at least one pungent-tasting plant extract.
10. (Original) Preparations according to claim 7, containing at least one other pungent-tasting or heat-generating substance and at least one pungent-tasting plant extract.
11. (Amended) Preparations according to ~~at least one of claims 7 to 10~~ claim 7 in the form of ~~a semi-finished products~~ product.
12. (Amended) Preparations according to ~~at least one of claims 7 to 11~~ claim 7 in the form of ~~a perfume, an aromatic composition, and a flavouring composition, compositions and a spice mixes~~ mix.
13. (New) Preparations according to claim 7 containing at least 80 wt.% of 2*E*,4*Z*-decadienoic acid-*N*-isobutylamide and at least two other *N*-isobutylamides of decanoic acid, 2*E*-decenoic acid, 2*E*,4*E*-decadienoic acid, 2*Z*,4*E*-decadienoic acid, 2*Z*,4*Z*-decadienoic acid, 2*E*,4*Z*,7*Z*-decatrienoic acid, 3*Z*,5*E*-decadienoic acid or 3*Z*,5*E*,7*Z*-decatrienoic acid.
14. (New) Preparations according to claim 7 containing 2*E*,4*Z*-decadienoic acid-*N*-isobutylamide.